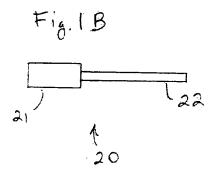
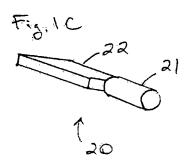
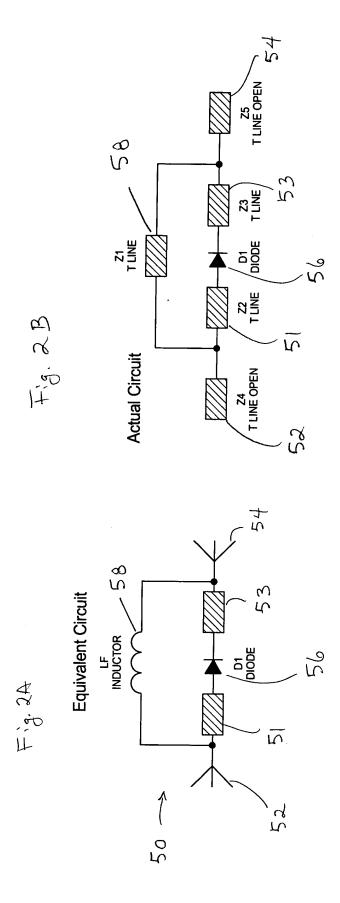
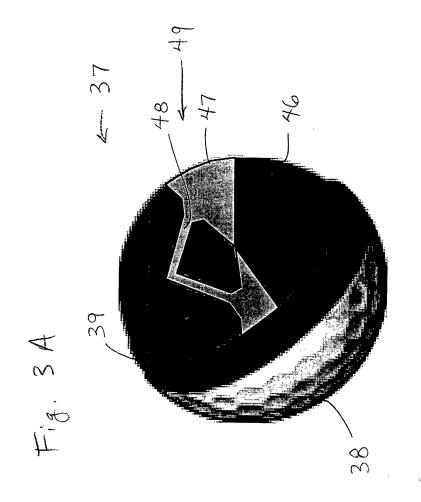


Fig. 1A









ANTENNA ON CORE (not to scale) Shown on a 3-piece ball

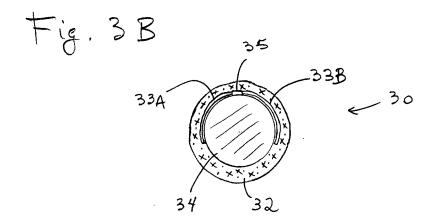


Fig. 3C

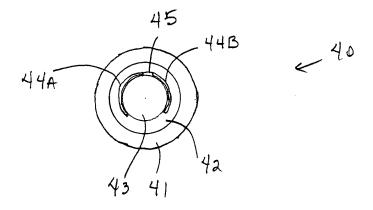
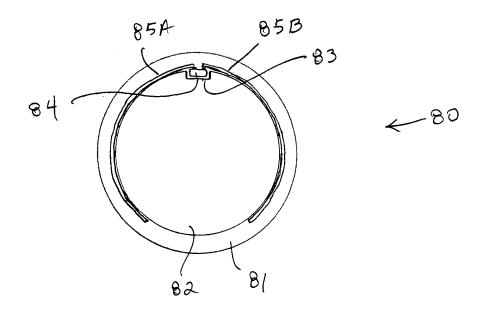


Fig. 4A



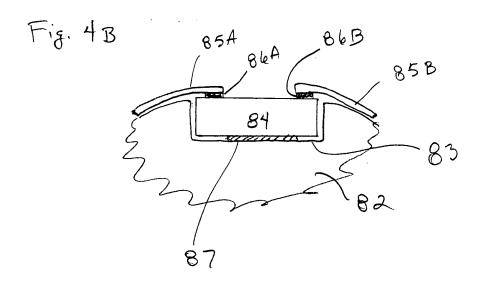


Fig. 4C

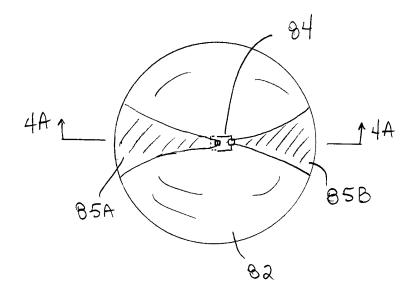
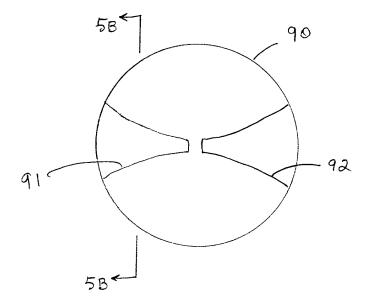
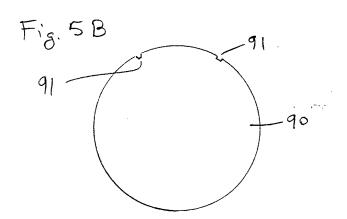


Fig. 5A





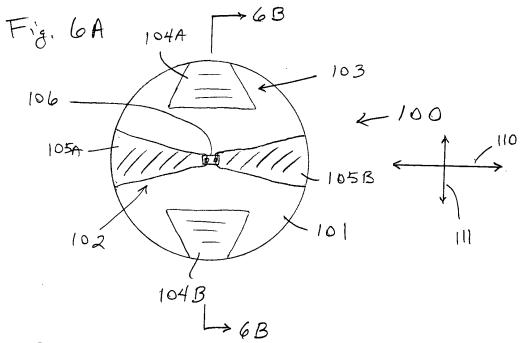
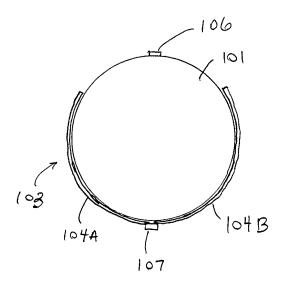
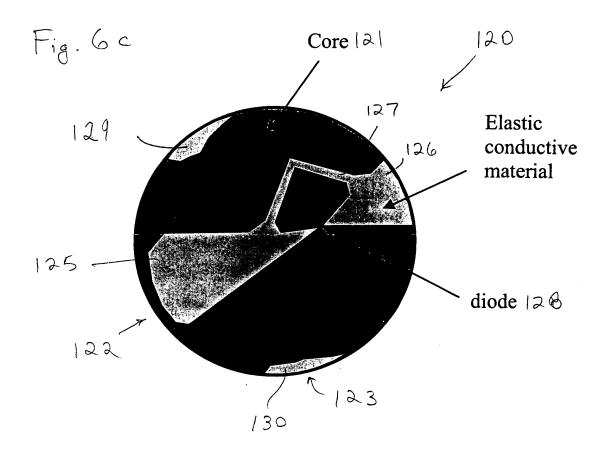
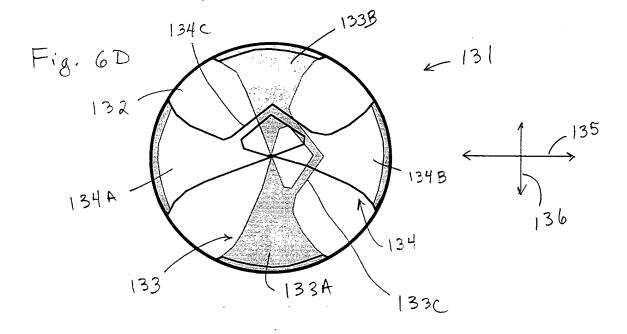
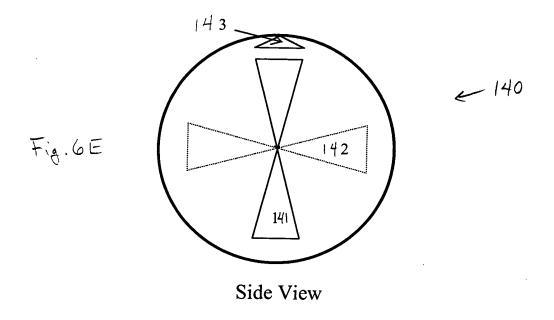


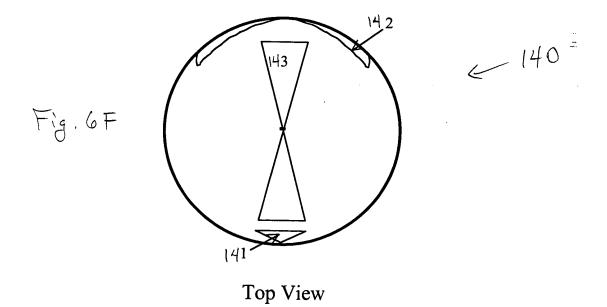
Fig. 6B

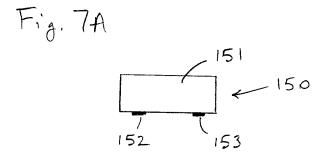


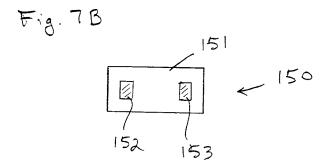


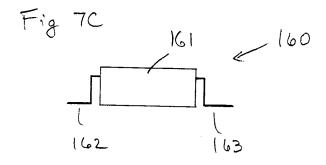


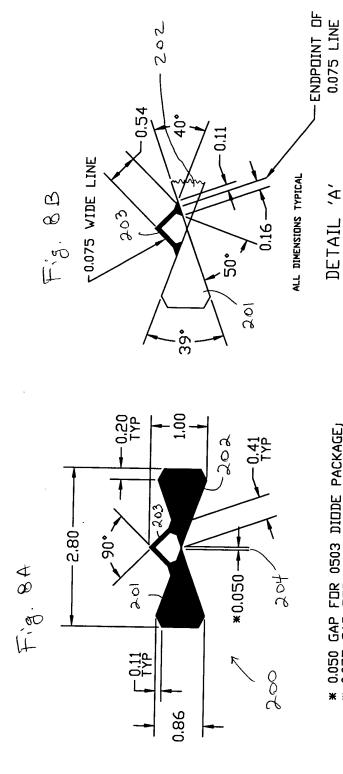












* 0.050 GAP FOR 0503 DIODE PACKAGE, * 0.075 GAP FOR SOD323 DIODE PACKAGE

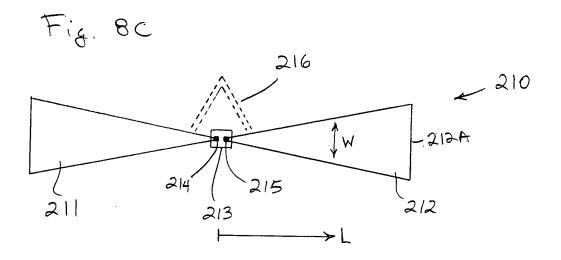
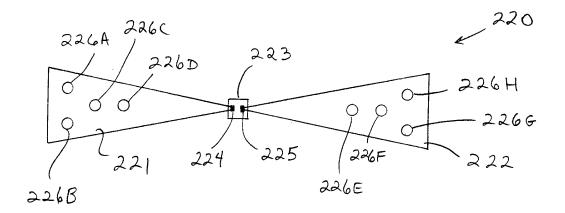
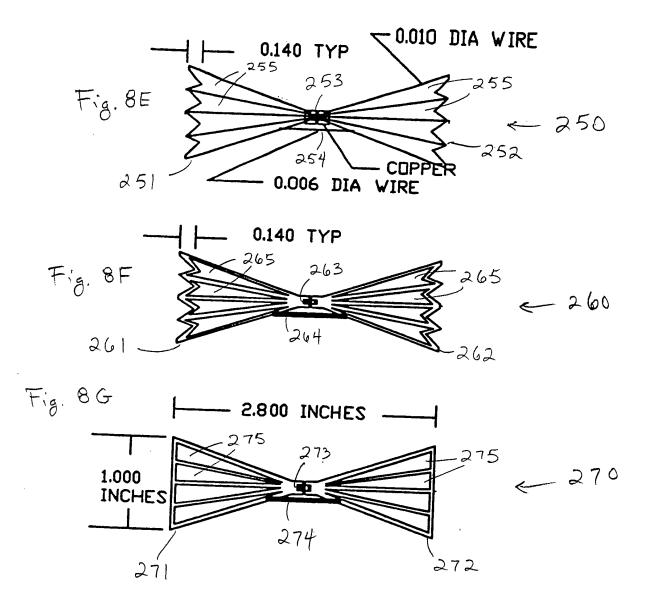
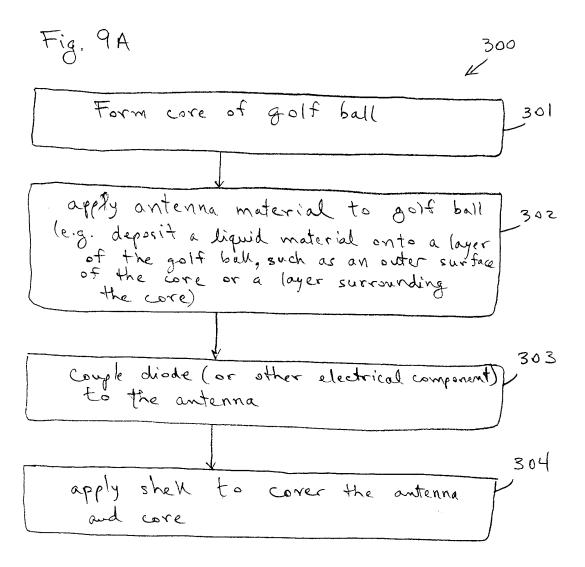


Fig. 8D







31/ core of golf back is molded with one or more surface cavities (voids) fitting the size and shape of one or more diodes (or other electronic components) and with a pattern of slight depression troughs outlining (as a template) the antenna pattern to be painted 312 Apply an adhesive into cavities and place diodes into the carities 313 Paint (e.g. manually) the antenna pattern onto the core using conductive ink, with the ink extending to the electrical contact pade of the diodes 314 Heat cure the core and antenna(s) 315 Apply shell (and other layers if a 3 or more piece ball)

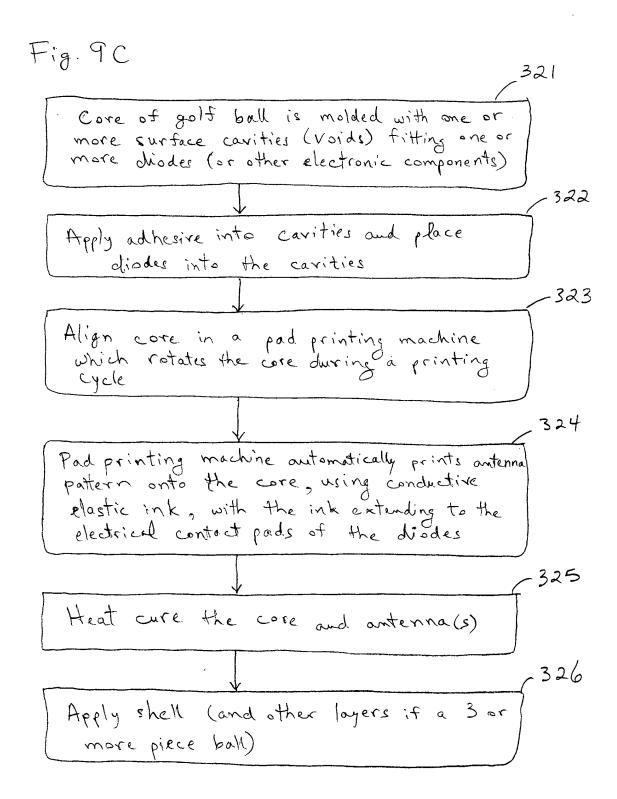


Fig. 10

